

# AMHERST COLLEGE

## TOP 10 LABORATORY SAFETY ISSUES

1. Chemicals and Chemical Waste must be capped or covered at all times except when actively filing or discharging.
2. Laboratory Health and Safety Training is required by the Environmental Protection Agency (EPA)



and the Occupational Safety and Healthy Administration (OSHA).

3. Hazardous Waste containers must be fully labeled. Abbreviations and chemical symbols are not permitted.
4. Secondary Accumulation Areas must be free from incompatible storage, labeled, and inspected weekly.
5. Housekeeping practices are extremely important.
  - Poor housekeeping is an indication of other improper procedures.



6. Safety Information Cards must be updated annually and posted on the door for emergency response personnel.
7. Food and beverages are prohibited in the laboratory.
8. Electrical hazards must be reported to the Physical Plant (x2254) as soon as possible.
9. Sharps, such as needles, syringes and razors must not be left on benches, counters or shelves.

### AMHERST COLLEGE SAFETY INFORMATION CARD

Department: _____	Room: _____	Date: _____
Safety Coordinator: _____	Office Phone: _____	Home Phone: _____
Faculty Responsible: _____	Office Phone: _____	Home Phone: _____
Occupants: _____	Home Phone: _____	Occupants: _____
_____	_____	Home Phone: _____

### HAZARDOUS CONDITIONS

<b>BIOHAZARDS</b> <input type="checkbox"/> Level 1 (Low) <input type="checkbox"/> Level 2 (Med) <input type="checkbox"/> Level 3 (High) <input type="checkbox"/> Animal Care Facility <input type="checkbox"/> Bacteria <input type="checkbox"/> Fungi <input type="checkbox"/> Parasite/Protozoan <input type="checkbox"/> Virus <input type="checkbox"/> Other <input type="checkbox"/> Other	<b>CHEMICAL HAZARDS</b> <input type="checkbox"/> Air/Water Reactives <input type="checkbox"/> Carcinogens <input type="checkbox"/> Corrosives <input type="checkbox"/> Flammable Liquids <input type="checkbox"/> Gas Cylinders <input type="checkbox"/> Flammable <input type="checkbox"/> Poison <input type="checkbox"/> Oxidizers <input type="checkbox"/> Poisons <input type="checkbox"/> Waste Chemicals	<b>HEALTH HAZARD</b>  REACTIVITY 4 - Severe 3 - Serious 2 - Moderate 1 - Slight 0 - Minimal * Repeat Above Indicates Most Hazardous Condition	<b>RADIATION HAZARDS</b> <input type="checkbox"/> Laser <input type="checkbox"/> Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> Class 4 <input type="checkbox"/> Microwave <input type="checkbox"/> Radioactive Materials <input type="checkbox"/> Radioactive Source <input type="checkbox"/> Radioactive Waste <input type="checkbox"/> Transilluminator <input type="checkbox"/> X-Ray <input type="checkbox"/> Other
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**SAFETY EQUIPMENT:** \_\_\_\_\_ Drench Shower \_\_\_\_\_ Eyewash Station \_\_\_\_\_ Fire Extinguisher \_\_\_\_\_

Campus Emergency: 2111      Amherst College Campus Police (non-emergency): 542-2291      Poison Control Center: 1-800-682-9211  
 (Ambulance, Police, Fire)      Amherst College Physical Plant Service Desk: 542-2254

- Place sharps in appropriate containers or Styrofoam holders.

10. Every laboratory that uses chemicals must have personnel use Personal Protective Equipment that includes:

- Goggles
- Gloves
  - Appropriate for the chemical being used
- Clothing that covers all parts of the body
  - Lab coat strongly recommended
- Footwear appropriate for work
  - No open toe shoes, sneakers or other inappropriate footwear
- For additional information, please refer to the Chemical Hygiene Plan